

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
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**Basic Information**

Maryland [24] Frederick County [021] Emmitsburg [26200] 0.6 MI S OF BOLLINGER SCL 39-42-00 = 39.700000 077-14-00 = - 77.233333

200000F-0506010 Highway agency district 7 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route 49 BULLFROG ROAD Toll On free road [3] Features intersected MONOCACY RIVER

Design - main Aluminum, Wrought Iron or Cast Iron [9] Design - approach Other [00] Kilometerpoint 96.5 km = 59.8 mi

1 Truss - Thru [10] 0 Other [00] Year built 1908 Year reconstructed 1995

Skew angle 0 Structure Flared

Historical significance Bridge is on the NRHP. [1]

Total length 55.8 m = 183.1 ft Length of maximum span 55.8 m = 183.1 ft Deck width, out-to-out 5 m = 16.4 ft Bridge roadway width, curb-to-curb 4 m = 13.1 ft

Inventory Route, Total Horizontal Clearance 4 m = 13.1 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft

Deck structure type Wood or Timber [8]

Type of wearing surface

Deck protection

Type of membrane/wearing surface

**Weight Limits**

Bypass, detour length 0.6 km = 0.4 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 25.2 metric ton = 27.7 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 41.4 metric ton = 45.5 tons

Bridge posting 00.1 - 09.9 % below [4] Design Load

### Functional Details

Average Daily Traffic  Average daily truck traffi  % Year  Future average daily traffic  Year

Road classification  Lanes on structure  Approach roadway width

Type of service on bridge  Direction of traffic  Bridge median

Parallel structure designation

Type of service under bridge  Lanes under structure  Navigation control

Navigation vertical clearanc  Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge  Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right  Minimum lateral underclearance on left

Minimum Vertical Underclearance  Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

### Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost  Roadway improvement cost

Length of structure improvement  Total project cost

Year of improvement cost estimate

Border bridge - state  Border bridge - percent responsibility of other state

Border bridge - structure number

## Inspection and Sufficiency

Structure status	Posted for load [P]	Appraisal ratings - structural	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	69.6
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	December 2010 [1210]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	December 2010 [1210]
Other special inspection	Not needed [N]	Other special inspection date	